

# VENLOFR-M80ATO

## PRODUCT IDENTIFICATION

- **Chemical Name:** Antimony Trioxide %80 Masterbatch
- **Physical Form:** White Masterbatch

VENLOFR-M80ATO is used in flame retardant applications. Its active ingredient is 80% antimony mixture. Most plastics are combustible and many applications require fire-resistant properties. VENLOFR-M80ATO masterbatches inhibit or prevent the combustion process. Material is in pellet form. It is convenient for processing temperature higher than 260°C.

## Recommendation of addition rate:

- XLPE Compounds :10-20%
- LLDPE Compounds :10-15%
- PP Compounds :10-15%
- HDPE Compounds :10-15%
- PVC Compounds :5-8%

## SPECIFICATION

Properties	Test Methods	Units	Values
Carrier Resin	-	-	Polyolefin
Melt Flow Rate (190°C-5 kg)	ASTM D 1238	g/10 min	8±2
Density	ASTM D 792	g/cm <sup>3</sup>	2,80±0,06

## APPLICATIONS

- Extrusion-pipes, cable channer.
- Enjection molding (HDPE, LDPE, LLDPE).
- Flame retardancy, char forming.

## PACKAGING & STORAGE

- Packaging:1 pallet is 1250 kg(25kg aluminum package).
- VENLOFR-M80ATO should be stored in a manner that avoids direct exposure to sunlight and heat (T<30°C).This compound should be used within 6 months after its production date.

### IMPORTANT NOTICE

Please read the Material Safety Data Sheet (MSDS) carefully before using this product.

